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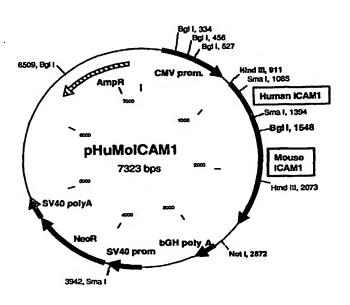
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[Continued on next page]

(54) Title: TRANSGENIC ANIMAL MODELS OF HRV WITH HUMANI ICAM-1 SEQUENCES

Map of pHuMolCAM-1: (Human- Mouse chimeric ICAM1 cDNA in pcDNA3.1+)



A transgenic non-human animal (57) Abstract: whose genome comprises a polynucleotide encoding human ICAM-1 domains D1 and D2 and preferably encoding human ICAM-1 domains D1 and D2 and host non-human ICAM-1 domains D3, D4 and D5. Methods for the production of such transgenic animals, screening methods using such transgenic animals, associated transgenes, constructs, vectors, and cells are disclosed. The transgenic non-human animal is a suitable model for studying human rhinovirus infection.



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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C12N15/00 A01K67/027 C12N15/62 C07K14/705 C12N5/10 G01N33/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) $IPC \ 7 \ C12N \ A01K \ C07K \ G01N$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data

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X Fur	ther documents are listed in the continuation of box C.	X Patent family members are its	sted in annex.
"A" docum consi "E" earlier filing	ategories of cited documents: nent defining the general state of the art which is not dered to be of particular relevance document but published on or after the international date ent which may throw doubts on priority claim(s) or a lis cited to establish the publication date of another on or other special reason (as specified)	"T" tater document published after the or priority date and not in conflict cited to understand the principle of invention. "X" document of particular relevance; it cannot be considered novel or call involve an inventive step when the "Y" document of particular relevance; it cannot be considered to involve a document is combined with one o	with the application but in theory underlying the the claimed invention and to be considered to e document is taken alone the claimed invention in inventive step when the
which citation of the citation other of the citation of the ci	nent referring to an oral disclosure, use, exhibition or means tent published prior to the international filing date but than the priority date claimed	ments, such combination being of in the art. "8" document member of the same pat Date of mailing of the international	ent family

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International application No. PCT/EP 03/07939

INTERNATIONAL SEARCH REPORT

Box I	Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)				
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:					
1. χ	Claims Nos.: 29 because they relate to subject matter not required to be searched by this Authority, namely:				
	As far as claim 29 is directed to a method of treatment of the animal body, the search has been carried out and based on the alleged effects of the compound/composition.				
2.	Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful international Search can be carried out, specifically:				
з. 🗌	Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).				
Box II	Observations where unity of invention is lacking (Continuation of item 2 of first sheet)				
This Inte	emational Searching Authority found multiple inventions in this international application, as follows:				
1.	As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.				
	deathable dains.				
2	As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.				
3.	As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.:				
4.	No required additional search fees were timely paid by the applicant. Consequently, this international Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:				
Remark	The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.				



INTE TIONAL SEARCH REPORT

Information on patent family members

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